Genano 200 air purifier Operating instructions

These instructions are for air purification units Genano 200, Genano 200 M.

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Introduction

Genano 200 airpurification unit removes even the smallest particles and fluids from indoor air. Also gases are removed by active carbon plate. Air purifier collects ultra fine particles (UFP), fine particles and other impurities to its collecting parts. These impurities are flushed by pouring fluid once a week.

Two fan speeds can be selected by sidepanel switch.

Genano 200 intakes are equipped with prefilters (metallic nets both side of the unit). These nets are easy to clean by vacuum cleaner. Fine particles that bypass prefilters are catched with electrical Multifunction Ion Air (MFI) technology.

Clean air is exhausted through the top vent of the unit.

Parts

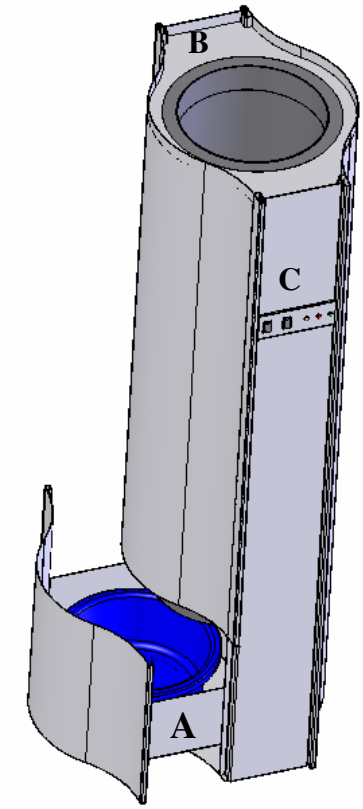
A. BOTTOM HATCH & BASIN (basin for flush water)

B. TOP HATCH

C. OPERATING SWITCHES AND SIGNAL LIGHTS

= Main switch
Power ON/OFF

= Fan speed selector switch
Position 1 = 80 m^3/h
Position 2 = 130 m^3/h



Installation and operating instructions

Installation

1. Gently remove Genano 200 out of the crate and check the overall condition.

2. Open the down hatch and check that the basin container is on its place, close the hatch and lock it.

Important ! Always lock the hatches when this unit is located near children or pets.

3. Make sure that the main switch is off (position 0) before connecting the main cord to purifier. Do not connect voltages other than the factory labeled requirement, **always use grounded power socket**.

4. Ensure that the top hatch is closed.

5. Switch the main switch on (position 1) . *Enjoy breathing!*

IMPORTANT ! To reduce the risk of electric shock, this equipment has a grounding type plug that has a third (grounding) terminal(s). This plug is only allowed to connect into a grounding type power outlet. If there is no grounded outlet installed, contact qualified personnel to install the proper outlet. Do not alter the plug in any way.

WARNING ! Due to its mode of operation the electronic air purifier may occasionally emit sparks. Never use the air purifier in a place where flammable gases or liquids or large amounts of dust may combine with air to form an explosive mixture.

Sidepanel lights

OPERATION
Green light

DRYING
Blinking green light. Genano 200 starts aircleaning automatically after 60 seconds drying delay.

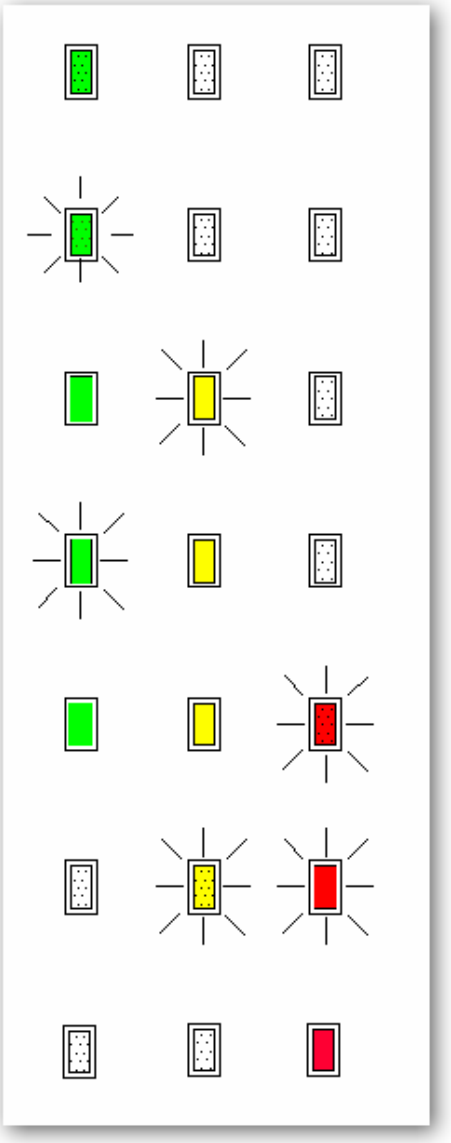
PLEASE WASH .
Green and blinking yellow light

TOP HATCH IS OPEN
Blinking green and yellow light

CLOSE DOWN HATCH
Yellow and blinking red light

WASH SEVERAL TIMES
Both yellow and red light blinking

FAILURE
Continuous red light. Turn unit off and restart it after 10 seconds. If failure continues, contact Genano service or sale organisation.



Normal mode

The green signal light is constantly illuminated when the unit is cleaning air (see sidepanel lights). All the hatches must be closed correctly to enable normal mode (air cleaning).

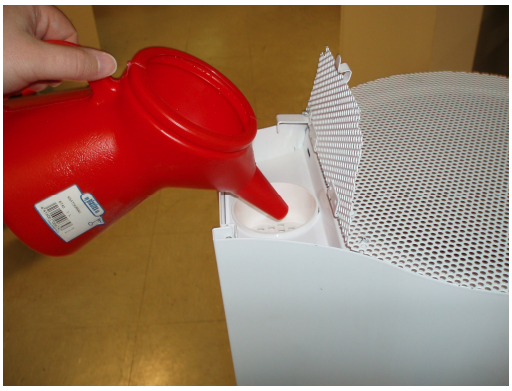
Please note! When the bottom hatch is closed, it takes 60 seconds until Genano 200 starts air cleaning (green light blinks). This drying delay is a normal feature of Genano 200.

Washing of collecting surfaces

The device efficiently collects athmospherics particles on the collection surfaces. Washing of the collection surfaces is made as easy as possible. Just pour washing fluid to the opening on top of the unit. This is recommended to do once a week. The fluid is flushing through the surfaces and drops to the basin container. Washing fluid is nature friendly. Instructions to wash a unit:

Note ! Keep unit ON during the wash.

1. Open down hatch and check that the basin is in its place, if necessary empty and clean basin.
2. Close down basin (if the red light is blinking, basin is still open).
3. Mix in the red can washing fluid with water. Mixture: 0,5 dcl fluid to 0,75 litres of water. **Read also instructions printed in the bottle**!
4. Open top washing hatch.
5. Pour fluid rapidly into the hatch opening, but prevent splashing.
6. Close the top hatch. Sidepanel green light starts blinking. The unit starts automatically after drying period. **During drying Genano 200 is not cleaning air.**



Emptying water basin

It is recommended to empty the water basin frequently. Open the down hatch. Ensure that there is no water flowing down to basin before you take basin out of the unit. Washing fluid is nature friendly and can be disposed to the drain. After emptying basin please clean it with soft towel. Put the basin back to its place and lock the hatch.

Technical specifications

Dimensions: Height 125cm; width 50cm; depth 35cm; Weight appr. 30 kgs.

Consumption: max. 35 W.

Typical cleaning efficiency versus air volume:

Air volume	300nm	500nm	1000nm = 1µm
80 m3/h (speed 1)	95%	99%	100%
130 m3/h (speed 2)	75%	85%	95%

Note. The product of clean air is larger using greater volume but then cleaning efficiency goes lower.

Design by Harri Koskinen

Regular Clensing

In typical use it is recommended to do collector washing (pouring fluid) once a week. This helps to maintain excellent air cleaning performance. Genano 200 remainds (see signal lights) when its time to do wash. Use only Genano washing fluid to prevent technical malfunctions.

Options

Removable handles to help moving the unit.

Wall brackets.

Instructions

Locating purifier

Genano 200 takes impure air through intakes of lower sidewalls and pushs it out top of the unit. This guarantees optimal movement of air.

Air purifier should be placed so that the flow of air through the purifier follows the direction of air circulation in the room. Usually the best place is where incoming air flows in to a room. In some rooms it is recommended to place purifier near the source of impurities (e.g. processes or workstations) and prevent impurities to spread around.

Anyway the efficiency of purification is always better near the purifier.

Caution ! The use of this unit is only allowed in normally ventilated rooms.
Do not cover air inlets or outlets or keep any objets on top of the purifier.

WARNING ! Due to its mode of operation the electronic air purifier may occasionally emit sparks. Never use the air purifier in a place where flammable gases or liquids or large amounts of dust may combine with air to form an explosive mixture.

Disposal of flush water

Genano fluid is nature friendly. When Genano 200 is operated in ordinary home or office environment, in most cases it is no restrictions to empty the dirty flush basin to the drain.

Some excepsions needs special arrangements, for example clensing of welding gases of air must be disposed correctly because of chromium. Check the regulations of your local authorities.

Technical hints

Genano 200 is equipped with High voltage measurement feature. When filter inside is for example too wet, this feature prevents start up until filter is dry (Green light is blinking). This extended drying period is a normal feature of the unit. If the drying takes exceptionally long time and the unit does not start at all, contact Genano service.

Please note, that the washing of the collecting surfaces works best when unit is on vertical position.**This unit is only allowed to connect grounded power plug!**

IMPORTANT SAFETY INSTRUCTIONS

Read all instructions before using this appliance.
When using an electric air purifier device, basic precautions should always be followed, including the following:

DANGER

To reduce the risk of electric shock:
1. Do not reach for a plug of an air purifier device that has fallen into water. Disconnect power at main source then unplug immediately.
2. Do not use in close vicinity while bathing or in a shower.
3. Do not place in heavily moist atmosphere, water or other liquid.
4. Do not place or store an air purifier device where it can fall or be pulled over.
5. Unplug this air purifier device before moving or transport to another location.
6. When discarding material used in this air purifier device, follow instructions issued by local authorities for disposal. See enclosed sheet for instructions.

WARNING

To reduce the risk of burns, fire, electric shock, or injury to persons:
1. Supervision is necessary when operated near children or the disabled.
2. Use this air purifier device for its intended indoor use, only, as described in manual. Do not use attachments not recommended by Genano Ltd.

Never use in an area with heavy wood dust or explosive chemicals.

WARNING! Repairs and maintenance work must be carried out by qualified personnel only.

WARNING! Due to its mode of operation the electronic air purifier may occasionally emit sparks. Never use the air purifier in a place where flammable gases or liquids or large amounts of dust may combine with air to form an explosive mixture.

WARRANTY GENANO 200

MULTIFUNCTION-ION™, MFI™, ® and NANOBIO™ are Registered Trademarks™ for Genano Limited Corporation products. All Rights Reserved.

FULL 12 MONTHS WARRANTY
Genano Ltd warrants each new MFI™ Air Cleaning Product, Model against defects in materials or workmanship for a period of one year from the date of purchase, and agrees to repair or replace any defective product without charge.

IMPORTANT: This warranty does not cover damage resulting from accident, misuse or abuse, lack of reasonable care, the affixing of any attachment not provided with the product or loss of parts or subjecting the product to any but the specified voltage. Use of unauthorized replacement parts will void this warranty.

GENANO CORPORATION WILL NOT PAY FOR WARRANTY SERVICE PERFORMED BY A NON-AUTHORIZED REPAIR SERVICE AND WILL NOT REIMBURSE THE CONSUMER FOR DAMAGE RESULTING FROM WARRANTY SERVICE PERFORMED BY A NON-AUTHORIZED REPAIR SERVICE. NO RESPONSIBILITY IS ASSUMED FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES.

In order to obtain warranty service, simply contact the nearest Authorized Genano Service Location. It is suggested that for your protection you return shipments of products by insured transport, insurance prepaid. Damage occurring during shipment is not covered by this warranty.

NOTE: No other warranty, written or oral, is authorized by Genano Ltd Finland.

This warranty gives you specific legal rights, and you may also have other rights which vary from country to country. Some countries do not allow the exclusion or limitation of incidental or consequential damages, so the above exclusion and limitations may not apply to you+.

1. Never operate this device if it has a damaged cord or plug, if it has been dropped or damaged. Return the device to an Authorized Genano Service Location for examination and repair.
2. Keep the cord away from heated surfaces.
3. Never drop or insert any object into any opening.
4. Do not plug in this air cleaning device outdoors or operate where aerosol (spray) products are being used or where oxygen is being administered.
5. Do not use this device with a damaged or broken part, as injury may occur.
6. Always attach plug to device first, then to outlet. Be certain that plug is inserted firmly into device. To disconnect, turn device off, then remove plug from outlet.
7. To prevent possible damage to the cord, do not wrap cord around the air cleaning device.
8. Never put air cleaning device in direct, hot sunlight or store in pouch at a temperature above 140°F (60°C).